

CLAIMS

1. A data processing system comprising a cluster of devices
5 interconnected for the communication of data in streams wherein, for at least
two data streams to be sent to one or more devices as destination devices of
said cluster, at least one device of the cluster comprises means arranged to
apply a respective delay to at least one of said at least two data streams in an
amount determined by differing signal path latencies for said at least two
10 streams; wherein at least some devices of the cluster maintain a respective
table, readable via said interconnection by other devices of said cluster, each
such table identifying one or more latencies for the respective device, and the
means arranged to apply a delay operating to apply delays on the basis of table
contents.

Buffering

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2. A system as claimed in Claim 1, wherein each table identifies, for
its respective device, signal processing capabilities for that device, together with
the latency associated with each such capability.

20 3. A system as claimed in Claim 1, wherein one of said devices is a
source device for said at least two data streams to be sent to said destination
devices of said cluster, said source device including said means arranged to
apply a delay together with means arranged to read data from said respective
tables of the destination devices and determine the respective delay to apply to
25 at least one of said at least two data streams.

4. A system as claimed in Claim 3, wherein said source device
further comprises multiplexing means coupled with said means arranged to
apply a delay and arranged to combine said at least two streams into a single
30 data stream for transmission to said destination devices.

5. A system as claimed in Claim 2, wherein one or more table entries

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[illegible]

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